

## Chemical Report

Hanson Cement  
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N  
Dispatched from Ketton  
Chemical analysis for week ending 10-Jul-22

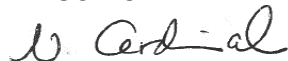
Week No. 2022-27

Compound	%
SiO <sub>2</sub>	19.93
Al <sub>2</sub> O <sub>3</sub>	4.87
Fe <sub>2</sub> O <sub>3</sub>	2.85
CaO	64.67
MgO	1.40
SO <sub>3</sub>	3.23
K <sub>2</sub> O	0.48
Na <sub>2</sub> O	0.26
Cl	0.05
Loss on Ignition	2.96
Not Detected	-0.71
Total	100.71

	%
Insol Residue	0.78
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.59
LSF (x 100)	98.30

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	63.3
C <sub>2</sub> S	12.6
C <sub>3</sub> A	9.0
C <sub>4</sub> AF	6.5

For and on behalf of  
HANSON CEMENT



*Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM*  
*National Technical Manager*  
*Hanson Cement*

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